

Time-based media art...

ON/OFF
 (digital asset + decoding mechanism)
 +
 Structural/material component
 +
 Behavior
 (interactive, networked, performed)
 +
 Artistic intent
 =
 Authentic experience
 ↓
 Variable



The Smithsonian Institution

- Pan-institutional
- Diverse works
- NPG ≠ SAAM ≠ Hirshhorn
 - different organizational structures, collections, resources, and missions = need for tailored strategies and procedures

Time-Based Media and Digital Artworks at the Smithsonian



Smithsonian American
Art Museum



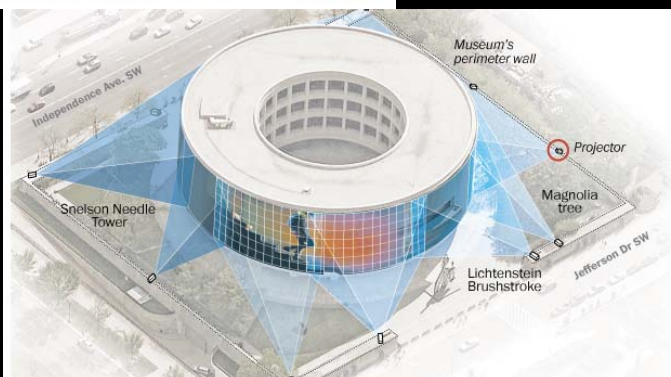
Hirshhorn Museum and
Sculpture Garden



National Portrait Gallery



HMSG
Doug Aitken,
Song 1

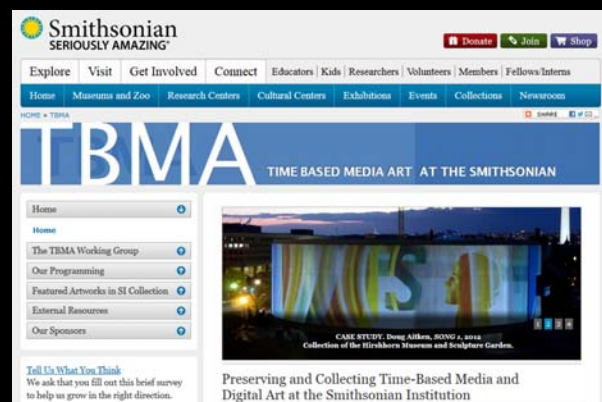


NPG Lincoln Schatz, *The Cube*



Working Across the Smithsonian in the Stewardship of TBMA Artworks

Time-Based Media and Digital Art Working Group
www.si.edu/tbma



Project: Leaders

Featured Project: Interviews with Thought Leaders

Technical Standards in the care of Time-Based Media and Digital Art

Report on the Status and Need for Technical Standards in the care of Time-Based Media and Digital Art

Funded by the Independent Research and Development Seed Grant Fund 2013

Based on formal interviews with Thought Leaders in the field of time-based and digital media art preservation, the report will focus on the potential need for technical standards for the preservation of time-based media art as opposed to those developed with archival collections in mind, and the relationship of that perceived need to best current and future practices in the preservation of time-based media art.

Participants interviewed were asked Guided Questions developed by the Working Group. Transcripts will be posted here upon the completion of the project. Participants are listed with their titles at the time of the interview.

Participants:

- **Agathe Janczyk**, Independent Video Conservator & Lecturer at the University of the Arts in Bern, Switzerland
- **Arnold Rote**, Archive Astrophysicist in the High Energy Astrophysics Division at the Harvard-Smithsonian Center for Astrophysics
- **Ben Frow-Radin**, Digital Conservator at Rhizome & Manager of the Digital Repository for Museum Collections at MoMA
- **Beryl Graham**, Professor of New Media Art at the School of Arts, Design, and Media, University of Sunderland, & co-editor of CRUMB
- **Caitlin Jones, Jana Grazley & Scott Owens**, Executive Director & Media Archivists at Western Front Society
- **Christiane Paul**, Adjunct Curator of New Media Arts at the Whitney Museum of American Art & Associate Professor, School of Media Studies, The New School
- **Christine Frohnert**, Conservator of Contemporary Art, Bek & Frohnert LLC & Visiting Professor in Conservation and Technical Studies at New York University
- **Cory Arcangel**, Artist, Computer Programmer, & Web Designer
- **Gaby Wijers**, Director of LIMA, Amsterdam
- **Glen Wharton**, Clinical Associate Professor in Museum Studies at New York University
- **James Snyder**, Senior Systems Administrator at the National Audio-Visual Conservation Center, Library of Congress
- **Jason Salavon**, Computational Artist
- **Jeff Kutenberg**, Independent Information Science Consultant
- **Jessica Phillips**, Associate Conservator of Contemporary Art at Solomon R. Guggenheim Museum
- **Jon Ippolito**, Associate Professor of New Media at University of Maine
- **Kara van Malssen**, Senior Consultant at AudioVisual Preservation Solutions & Adjunct Professor at New York University
- **Kate Jennings**, Time-Based Media Conservator at the Tate Modern
- **Karen Smith**, Director of Technology at the Denver Art Museum
- **Lincoln Schatz**, Contemporary Artist
- **Mark Heller**, Owner of Heller Studios, Consultant at SPiMA & BAVC
- **Mark Todor**, Artist & Founder of Rhizome
- **Mona Jimenez**, Associate Director of the Moving Image Archive Program (MIAP), New York University
- **Paul Messier**, Independent Conservator
- **Pip Laurensen**, Head of Collections Care Research at the Tate Modern
- **Richard Rhinehart**, Director of the Samek Art Gallery at Buxton University
- **Sarah Cook**, Curator, Research Fellow at the University of Sunderland, & Co-founder of CRUMB - Curatorial Resource for Upstart Media Sites

Enterprise DAMS

OpenText Media Manager 7.1

Smithsonian

Categories

Categories	Assets
▶ AAA	0
▶ ACM	1
▶ CFCH	0
▶ CHNDM	0
▶ FS	0
▼ HMSG	0
▼ Archives	0
Hirshhorn Records	0
Non-Accessioned Objects	0
▼ Collections	296
Artist Interview Program	252
Conservation	13291
▼ Objects - Accessioned	10198
TBM Exhibition Copies	0
TBM Masters	43
Objects - Deaccessioned	1020
Objects - Non-Accessioned	0
Education	0
▶ Exhibits	0
▶ People	0
Premier Photos-contact hmsgcolle...	0
Publications	0
Special Events	0

Assets & Folders

43 total items

01:04:00:00

01:04

Name: 12-0n_MASTER.mov

Unique Asset Name: HMSG-12-0n_MASTER

SI Holding Unit: HMSG-Hirshhorn Man & Scipt Gdn

Date Imported: 12/13/2013

Hot Folder Import ID: O'Banion, Steven

Title: Song 1 exterior

Description: Channel 4 of the video for the exterior projection of Song 1.

Name: 12-0o_MASTER.mov

Unique Asset Name: HMSG-12-0o_MASTER

SI Holding Unit: HMSG-Hirshhorn Man & Scipt Gdn

Date Imported: 12/13/2013

Hot Folder Import ID: O'Banion, Steven

Title: Song 1 exterior

Description: Channel 5 of the video for the exterior projection of Song 1.

DAMS Metadata

Properties

Relationships

Media Catalog

Metadata	Category	Security
Administrative		
ID:	ab83e8c6a6f89396926c8d7166341de506b9f2	
Date: Properties Last Modified:	12/19/2013	
Last Edited By:	Front, Melissa	
Date Imported:	12/13/2013	
Imported By:	admin, DAM	
SI Holding Unit:	HMSG-Hirshorn Mam & Sclpt Gdn	
Other Managing Unit:		
SI Department:	<div style="border: 1px solid #ccc; padding: 2px;"> SI Department HMSG-CM-Conservation-663040 HMSG-CM-Registrar-663070 </div>	
Source System Identifier:	12.9n	
1st Alternate Identifier:		
2nd Alternate Identifier:		
3rd Alternate Identifier:		
Origination Tape/Disk #:		
Preservation ID #:		
Hot Folder Import ID:	O'Banion, Steven	
For Public Use:	No	
Acquisition Notes:		

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Technical Metadata

Properties

Relationships

Media Catalog

Metadata	Category	Security
Technical		
Format Type:	Video	
MIME Type:	video/quicktime	
Digital File Size:	44957490587	
Checksum:	ac88075a48b179a04b0ce79ebcabb97c	
Capture Device:		
Start Time SMPTE:	01:00:00:00	
End Time SMPTE:	01:34:42:13	
Caption Format:		
Video Originating format:		
Audio Originating Format:		
Asset Coding History:		
Regional Coding Format:		
AV Color Space:		
Descriptive		
Name:	12-9n_MASTER.mov	
Asset Version:	1	
Unique Asset Name:	HMSG-12-9n_MASTER	
Keywords:	Doug Aitken, Song 1 exterior, 12.9	
Event:		
Group Title:		
Title:	Song 1 exterior	
Description:	Chanel 4 of the video for the exterior projection of Song 1.	
Asset Creator:	Steven O'Banion	

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Storage, Replication, Snapshots, Back-Up

- Asset Repository – Isilon SX200
Current Asset Repository Storage: 422 TB
- Assets are replicated onto another Isilon node upon ingest.
- Isilon maintains snapshots of active and replicated nodes.
- Constant error checking.
- Isilon Phone Home support – If system detects any disk failure it auto calls Isilon support (24X7).
- Nightly backup of full asset repository to Tivoli Archive
- Near-line and 3 taped copies – 1 tape copy sent off site to First Federal.

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